

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/IB2004/051014

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R4/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 174 885 A (SUMITOMO ELECTRIC INDUSTRIES) 23 January 2002 (2002-01-23) paragraphs '0066!', '0069!'; figures 2,8	1,6,7
Y	figures 2,3	8,9
A	US 1 559 250 A (HAMPTON LEON N) 27 October 1925 (1925-10-27) figures 1,2	2,3, 11-13
Y	US 2002/076949 A1 (ALLEN JULIETTE ET AL) 20 June 2002 (2002-06-20) cited in the application figure 3	8,9
X	US 2 476 365 A (GRECO FRANK C) 19 July 1949 (1949-07-19) figure 4	19,20
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the International search

21 September 2004

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29/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 927 926 A (POWELL JACK B) 23 December 1975 (1975-12-23) column 3, line 8 - line 12; figures 1-5	1,10,19
A	US 2 775 744 A (HENNEMAN FRED G) 25 December 1956 (1956-12-25) figures 2,3	4,14,20
A	US 5 531 601 A (AMOROSO EUGENE C) 2 July 1996 (1996-07-02) column 2, line 1 - line 10	1,10,19

INTERNATIONAL SEARCH REPORT

Information on patent family members

Initial Application No
PCT/IB2004/051014

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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